

- d) Rubber Compounds for Tires
Rubber Compounds for Blocks and Mats
Rubber Blocks and Mats
Polyvinyl Chloride (PVC) Compounds
Thermoplastic Elastomer (TPE) Compounds

Chemical additives for plastics compounds
Wire Coating Material

e)

Process	Raw Materials
Rubber Compounding/ Manufacturing	Rubber blocks, zinc stearate, carbon black, sulfur, accelerators, fillers, oils
PVC Compounding	PVC resin, calcium carbonate, plasticizers, colorants, lead compounds, stabilizers
TPE Compounding	Rubber blocks, zinc stearate, carbon black, sulfur, accelerators, fillers, oils, plasticizers
Chemical additives for plastics compounds (plasticizer).	<u>CS-612</u> Benzene, oil alcohols, phthalic anhydride, acids
Wire Coating Material Manufacturing	unknown

(b) (5) Deliberative Process Privilege

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- f) MSDSs were not available until 1986, and therefore are not provided. C-1-C-13

g)

At 505 Central Avenue location, all departments (Plastics and Rubber) used kerosine (#2 fuel oil) to clean equipment. An estimated 400 gallons was used per year. where is this from?

At Mendon Avenue location, equipment was washed down with water to a tank. The water was transferred to the drain and the plasticizer was recovered and used in the production of VRP (Various Recovered Plasticizer), a lower grade plasticizer.

h)

Types of Materials Spilled	Materials/Methods used to Cleanup Spills	Disposal of Spilled Material
Chemical additive to plastic	PVC Resin was used to absorb plasticizer and dry material was swept into containers.	Material was recycled into hose product.
Oils (used in maintenance or rubber)	Speedi-dri was used to absorb oil and material was placed into bags, containers, or drums depending on volume.	Material was disposed of in dumpster. <u>removed from inventory</u>

(b) (5) Deliberative Process Privilege

i)

See attached process flow diagrams.
(b) (5) Deliberative Process Privilege

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Question 6 Respondents Wastes and Waste Streams (including By-Products)

a) See attached Waste Survey

b)

Waste Name	Physical State	Chemical Composition	Color	Odor	Monthly Volume	Dates Generated
Burnt Rubber Batches	solid	styrene butadiene rubber nitrile butadiene rubber natural rubber	black brown gray	none	unknown	throughout period
Cured Rubber Scrap, Flash, and Dust	solid	styrene butadiene rubber nitrile butadiene rubber natural rubber	black brown	none	10,000 lbs 10,000 lbs	throughout period
Burnt PVC Batches	solid	PVC	various	none	unknown	throughout period
Maint. Waste oil	liquid	maintenance oil including gear oil, motor oil, gasoline, lube oil, etc.	brown	oil	unknown (small amounts)	throughout period
Plasticizer	liquid	plasticizers, used in Rubber manufacturing	clear, yellow, brown	slight	unknown	throughout period
Unused raw materials	solids/liquids	carbon black, calcium carbonate, rubber, unrecyclables	various	various	unknown (small amounts)	throughout period
Filter Press Cake from Plasticizer and Wire Coating Manufacturing	solids/liquids	plasticizers, various solids generated in manufacture of plasticizer and wire coating	yellow-black		8,000 - 10,000 lbs unknown	1964-1970 1969

c) Refer to Process Flow Diagrams

(b) (5) Deliberative Process Privilege

d) There was no single person responsible for waste collection and management until 1988. Each department had supervisors who handled disposition of waste from that department. In 1988, Ron Sito became Safety and Environmental Manager. He compiled all written records he could find regarding waste disposal. These records date back to 1980.

e)

Waste Name	Type of Container Stored in	Location of Collection	Location of Storage
Burnt Rubber Batches	none	Rubber Department	dumpster in Receiving Department

Burnt PVC Batches	none	Plastics Department	dumpster in Receiving Department
Waste oil	drum	each department	Warehouse at Mendon Ave
Unused raw materials	various - bags, metal drums, cardboard drums	each department	dumpster in Receiving Department
Miscellaneous Solvents	drums	Rubber Department Mendon Avenue	drums stored at Mendon Avenue
Filter Press Cake	metal drums	Mendon Avenue	Mendon Avenue

⇒ *repeat 72 here.

Question 7 Respondents Disposal/Treatment/Storage/Recycling/Sale of Waste

a) Identify persons who currently have and those who have been responsible for disposal of waste

Name	Business Address & Phone Number	Home Address & Phone Number	Employer & Job Title	SS# (Optional)
Diane Dandeneau	505 Central Avenue Pawtucket, RI 02861 (401) 725-8000x780	(b) (6)	Teknor Apex Company, Environmental Manager	
Ronald Sito	505 Central Avenue Pawtucket, RI 02861 (401) 725-8000x281		Teknor Apex Company, Safety and Environmental Manager	

b) There are many persons who currently have and/or have had knowledge of the disposal of waste. Those questioned for this information request are listed below:

Name	Business Address & Phone Number	Home Address & Phone Number	Employer & Job Title	SS# (Optional)
Arthur Laroache	505 Central Avenue Pawtucket, RI 02861 (401) 725-8000		Teknor Apex Company, Maintenance Oiler	
John Grimaldi	505 Central Avenue Pawtucket, RI 02861 (401) 725-8000		Teknor Apex Company, Maintenance Porter	
Arthur LaPerche	Retired	(b) (6)	Teknor Apex Company, Plasticizer Production Manager (1952-1970)	

Effect

⇒ Herb

all persons
 Mary
 John
 Victor

c) Persons currently having and those who have had responsibility for Environmental Affairs

Name	Business Address & Phone Number	Home Address & Phone Number	Employer & Job Title	SS# (Optional)
Diane Dandeneau	505 Central Avenue Pawtucket, RI 02861 (401) 725-8000x780	(b) (6)	Teknor Apex Company, Environmental Manager, 10/97 - present	
Laura Salamy (former employee)	Precision Art and Pac Glass, Inc 22 Almeida Ave. East Providence, RI 02914 (401) 438-9800			
Tim Coady (former employee)				
Ronald Sito	505 Central Avenue Pawtucket, RI 02861 (401) 725-8000x281		Teknor Apex Company, Safety and Environmental Manager, 1990-1995	

John Meola ?

d)

Name	Job Title with dates	Supervisor	Current Position	What type of information is possessed?
Diane Dandeneau	Environmental Manager	Christopher ReCasino	same	overall plant environmental knowledge (present)
Ronald Sito	Rubber operator, Hose Dept Manager, Safety and Environmental Manager (1990-1995), Personnel Manager (1995-present)	Paul Dubanowitz Christopher ReCasino	Personnel Manager	general plant production and environmental knowledge (1968 - present)
Arthur Laroach	Plastics Dicer Operator, Bagger Leadman, Mill Leadman, Med Line Operator, Maintenance Oiler	Donald Brown	Maintenance Oiler	PVC manufacturing and maintenance experience (1962 - present)
John Grimaldi	Rubber Banbury Operator, Mill Operator, Compounder,		Maintenance Porter	Rubber manufacturing and maintenance experience (1963 - present)